

ABSTRACT

A bolster plate is attached to a printed circuit board and acts as a stiffener that reduces bending in the overall assembly during the attachment of an integrated circuit chip to the printed circuit board under a heavy applied load. The bolster plate is provided with a shim that compensates for bending of the bolster plate under load, thereby preventing damage to the integrated circuit chip. The dimensions of the shim may be selected according to computer model results representing bow deformation in the bolster plate without the shim.

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